

PRODUCT DATA SHEET

CROWN ROCK DRILL

Is heavy-duty oil formulated exclusively for lubrication of pneumatic rock drills in mining and construction operations, It is formulated from a combination of base stocks and special additives selected to provide improved performance in all types of pneumatic rock drills. All grades exhibit high film strength to minimize wear at low feed rates. Additionally, it contains additives, which effectively control emulsions; provide effective metal wetting properties, and excellent rust and corrosion protection of internal parts

BENEFITS

- High film strength minimizes wear.
- Effective lubricity reduces friction.
- Effective lubrication in the presence of water.
- Efficient rust and corrosion protection.
- Minimum fog formation.
- Good thermal and oxidation stability.

APPLICATION

Series is recommended for all pneumatically operated rock drills, particularly those requiring heavy duty oils, and including those in which the rotation of the drill is independent of the percussion mechanism, utilizing a separate hydraulic or pneumatic motor with reduction gearing for rotation. The oils may be applied by hand or integral oil reservoirs through air lines.

PRODUCT CHARACTERISTIC

PROPERTIES	UNITS	VALUE	TEST METHOD
ISO GRADE	-	100	DIN 51511
Specific Gravity @ 15 °C	-	0.8909	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	101.4	ASTM D-445
Viscosity @ 100 °C	mm ² /s	11.53	ASTM D-445
Viscosity Index	-	101	ASTM D-2270
Flash Point, COC	°C	225	ASTM D-92
Pour Point	°C	-9	ASTM D-97
Rust Test	-	Pass	-
Color	-	2.0	ASTM D-1500
Product Code	-	549044	-